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To:	OKITI	7	PC	WIPO	PCT
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			(PCT Rule	43bis.1)	
		Date of mailing (day/month/year) 28	3 ОСТОВЕ	ER 2004	(28.10.2004)
Applicant's or agent's file reference		FOR FURTHER AC			
NANO-DEVICES		Se	See paragraph 2 below		
International application No. PCT/KR2004/000166	International filing dat 30 JANUARY 20		Priority date	:(day/mont	lı/year)
International Patent Classification (IPC)	l				
IPC7 D01D 5/00					
Applicant					
KIM, Hak-Yong et al					
1. This opinion contains indications rela		tems:			
Box No. I Basis of the opi	inion				
Box No. II Priority			·		L:1:4.,
		gard to novelty, inventive	step and mous	gnaı appır	Sadinty
Box No. IV Lack of unity					
Box No. V Reasoned state citations and ex	oned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; ons and explanations supporting such statement				
Box No. VI Certain docum	ents cited				
Box No. VII Certain defec	ts in the international a	pplication	:		
Box No. VIII Certain observ					
2. FURTHER ACTION If a demand for international prelimi International Preliminary Examining other than this one to be the IPEA ar opinions of this International Search If this opinion is, as provided above, IPEA a written reply together, where of Form PCT/ISA/220 or before the	g Authority ("IPEA") ex nd the chosen IPEA has hing Authority will not be considered to be a wri- e appropriate, with ame	xcept that this does not app s notified the International be so considered. itten opinion of the IPEA, endments, before the expire	Bureau under the applicant i ation of 3 more	applicant c Rule 66.11 is invited to this from the	bis(b) that written
For further options, see Form PCT/I	SA/220.				
3. For further details, see notes to Form	n PCT/ISA/220.				
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/KR2004/000166 Box No. I Basis of this opinion 1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under 2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of: a. type of material a sequence listing table(s) related to the sequence listing b, format of material in wirtten format in computer readable form c. time of filing/furnishing contained in the international application as filed. filed together with the international application in computer readable form. furnished subsequently to this Authority for the purposes of search. 3. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additioanl copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. 4. Additional comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/KR2004/000166

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Novelty (N)	Claims	1 - 16	YES
	Claims	None	NO
Inventive step (IS)	Claims	1 - 16	YES
	Claims	N0ne	NO
Industrial applicability (IA)	Claims	1 - 16	YES
	Claims	None	NO

2. Citations and explanations:

Reference is made to the following document:

D1: KR 0258651 Y1

Claim 1 of the present invention relates to a bottom-up electrospinning apparatus comprising a spinning dope main tank, a metering pump, a voltage generator, a nozzle block and a collector disposed above said nozzle block, which is characterized by a spinning dope discharge device on said nozzle block.

D1 relates to a bottom-up electrospinning apparatus, which is similar as the present invention in the technical feature. However, the present invention is different in that the spinning dope discharge device transferring automatically oversupplied spinning dope in the nozzle block into the spinning dope main tank, is connected to said nozzle block.

Consequently, the bottom-up electrospinning apparatus and nano fibers and a method of manufacturing and coating nano fibers of claim 1 and claims 2-16 dependent on claim 1 of the present invention are novel and inventive under PCT Article 33(2)-(3).

There is no reason for denying industrial applicability of the present invention.